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PATENT APPLICATION

DOCKET NO. SO01-P12

**IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S): M. P. VARNHAM, et al.

CONFIRMATION NO.: 8834

SERIAL NO.: 10/528,895

GROUP ART UNIT: 2874

FILING DATE: March 23, 2005

EXAMINER: WOOD, Kevin S.

TITLE: POLARISATION-DEPENDENT OPTICAL FIBRE AMPLIFIER

**Mail Stop AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450**

SIR OR MADAM:

RESPONSE TO OFFICE ACTION

This Response is being filed responsive to the March 16, 2006 Office action for application serial number 09/528,895.

Claim Summary:

Claims originally present: 1-20.
Claims previously canceled: 1-20.
Claims previously amended: none.
Claims previously added: 21-40.
Claims hereby canceled: 22 and 25-26.
Claims hereby amended: 21 and 35.
Claims hereby being added: 41-43.
Claims remaining: 21(amended), 23-24, 27-34, 35(amended), 36-40 and 41-43(new).

*S/N: 09/528,895
Case SO01-P12
Amendment "B"*